

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicant: Leonard Forbes et al.

Examiner:

Viet Nguyen

Serial No.:

09/135,413

Group Art Unit:

2818

Filed:

August 14, 1998

Docket:

303.354US2

Title:

METHOD FOR OPERATING A DEAPROM HAVING AN AMORPHOUS

SILICON CARBIDE GATE INSULATOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Title: METHOD FOR OPERATING A DEAPROM HAVING AN AMORPHOUS SILICON CARBIDE GATE INSULATOR

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

LEONARD FORBES ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938 Minneapolis, MN 55402

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Date of JANUARY 2004 By

Robert E. Mates Reg. No. 35,271

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2/52 day of January, 2004.

Signature

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1



Complete if Known	COLUMN TO THE STATE OF THE STAT
Application Number	09/135,413
Filing Date	August 14, 1998
First Named Inventor	Forbes, Leonard
Group Art Unit	2818
Examiner Name	Nguyen, Viet

Attorney Docket No: 303.354US2

		US PA	ATENT DOCUMENT	S		
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-4,598,305	07/01/1986	Chiang, A., et al.	357	23.7	06/18/1984
	US-4,980,303	12/25/1990	Yamauchi, T.	437	31	08/18/1988
	US-4,994,401	02/19/1991	Ukai, Y.	437	40	03/26/1990
	US-5,189,504	02/23/1993	Nakayama, S. , et al.	257	422	01/30/1992
	US-5,336,361	08/09/1994	Tamura, A., et al.	438	767	11/02/1992
	US-5,367,306	11/22/1994	Hollon,, et al.	342	386	06/04/1993
	US-5,409,501	04/25/1995	Zauns-Huber, R., et al.	8	94.29	07/06/1992
	US-5,990,531	11/23/1999	Taskar, N. R., et al.	257	410	11/12/1997
	US-6,100,193	08/08/2000	Suehiro, S., et al.	438	685	09/24/1997
	US-6,166,768	12/26/2000	Fossum, , et al.	348	308	01/22/1997
	US-6,365,919	04/02/2002	Tihanyi, J., et al.	257	77	07/11/2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	JP-60-024678	02/07/1985	Akio, Nakatani	G06 K	9/36	

,	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
2 - 1 - 1		NAKAMURA, J., et al., "CMOS Active Pixel Image Sensor with Simple Floating Gate Pixels", IEEE Transactions on Electron Devices, 42, (1995),1693-1694	
		WOLF, S., Silicon Processing for the VLSI Era, Vol. 3, Lattice Press, Sunset Beach, CA,(1995),311-312	

EXAMINER

N 09/135413 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicant: Leonard Forbes et al. Examiner: Viet Nguyen

Serial No.: 09/135413 Group Art Unit: 2818

Filed: August 14, 1998 Docket: 303.354US2

Title: METHOD FOR OPERATING A MEMORY DEVICE HAVING AN

AMORPHOUS SILICON CARBIDE GATE INSULATOR

COMMUNICATION CONCERNING RELATED APPLICATION(S)

MS RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

Serial/Patent No. 09/652420	Filing Date August 31, 2000	Attorney Docket 303.324US3	Title TRANSISTOR WITH VARIABLE ELECTRON AFFINITY GATE AND METHODS OF FABRICATION AND USE
09/691004	October 18, 2000	303.324US4	TRANSISTOR WITH VARIABLE ELECTRON AFFINITY GATE AND METHODS OF FABRICATION AND USE
08/903486	July 29, 1997	303.326US1	SILICON CARBIDE GATE TRANSISTOR
09/259870	March 1, 1999	303.326US2	FABRICATION OF SILICON CARBIDE GATE TRANSISTOR
08/902132 5886368	July 29, 1997	303.353US1	TRANSISTOR WITH SILICON OXYCARBIDE GATE AND METHODS OF FABRICATION AND USE
09/138294 6309907	August 21, 1998	303.353US2	TRANSISTOR WITH SILICON OXYCARBIDE GATE AND METHODS OF FABRICATION AND USE
08/902843	July 29, 1997	303.354US1	DEAPROM HAVING AMORPHOUS SILICON CARBIDE GATE

Page 2 Dkt: 303.354US2

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 09/135413 Dkt: 30

Filing Date: August 14, 1998

Title: METHOD FOR OPERATING A MEMORY DEVICE HAVING AN AMORPHOUS SILICON CARBIDE GATE INSULATOR

			INSULATOR
09/134713	August 14, 1998	303.354US3	DEAPROM HAVING AMORPHOUS SILICON CARBIDE GATE INSULATOR
08/902098 6031263	July 29, 1997	303.355US1	DEAPROM AND TRANSISTOR WITH GALLIUM NITRIDE OR GALLIUM ALUMINUM NITRIDE GATE
09/140978 6307775	August 27, 1998	303.355US2	DEAPROM AND TRANSISTOR WITH GALLIUM NITRIDE OR GALLIUM ALUMINUM NITRIDE GATE
09/141392 6249020	August 27, 1998	303.355US3	DEAPROM AND TRANSISTOR WITH GALLIUM NITRIDE OR GALLIUM ALUMINUM NITRIDE GATE
09/883795	June 18, 2001	303.355US4	DEAPROM AND TRANSISTOR WITH GALLIUM NITRIDE OR GALLIUM ALUMINUM NITRIDE GATE
10/047181	October 23, 2001	303.355US5	MEMORY DEVICE WITH GALLIUM NITRIDE OR GALLIUM ALUMINUM NITRIDE GATE
08/902133	July 29, 1997	303.356US1	MEMORY DEVICE
10/231687	August 29, 2002	303.356US2	DYNAMIC ELECTRICALLY ALTERABLE PROGRAMMABLE READ ONLY MEMORY DEVICE
08/903453	July 29, 1997	303.378US1	CARBURIZED SILICON GATE INSULATORS FOR INTEGRATED CIRCUITS
09/258467	February 26, 1999	303.378US2	CARBURIZED SILICON GATE INSULATORS FOR INTEGRATED CIRCUITS

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Serial Number: 09/135413

Filing Date: August 14, 1998

Title: METHOD FOR OPERATING A MEMORY DEVICE HAVING AN AMORPHOUS SILICON CARBIDE GATE INSULATOR

09/650553	August 30, 2000	303.378US3	CARBURIZED SILICON GATE INSULATORS FOR INTEGRATED CIRCUITS
10/461593	June 11, 2003	303.356US3	DYNAMIC ELECTRICALLY ALTERABLE PROGRAMMABLE READ ONLY MEMORY DEVICE
	Herewith	303.356US4	DYNAMIC ELECTRICALLY ALTERABLE PROGRAMMABLE READ ONLY MEMORY DEVICE

Respectfully submitted,

LEONARD FORBES ET AL.

By Applicants' Representatives,

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Date 21 JANUARY 2004 By

Almy Mordadt

Robert E. Mates

Reg. No. 35,271

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this <u>21st</u> day of <u>January</u>, 2004.

N T

Signature